

Criteria	Rating Scale			Weight	Score
	2	1	0		
Design	Video communicates all design choices made in creation of the vehicle (i.e. How does the design go from the echo pin output to driving the motors). Includes use of a complete circuit schematic.	Video includes use of a complete circuit schematic. However, it is not clear from the video how the design implements the required functionality of the car.	Video does not include a complete circuit schematic. It is not clear from the video how the design implements the required functionality of the car.	x25	/50
Functionality	Video demonstrates functionality of all required sub-systems (ultrasonic sensor, Push Button Start/Stop, and DC-DC converter), as well as completed car function.	Video demonstrates functionality of some (not all) of the required sub-systems. Or only demonstrates the completed car functionality.	Video does not demonstrate functionality of any of the required sub-systems nor the completed car functionality.	x25	/50
Measurement Devices	Video uses the M2K to demonstrate trigger and echo pin output of the ultrasonic sensor. Furthermore, measurement devices are used to verify the required functionality of sub-systems.	Video does not use the M2K or multimeter correctly, however some attempt was made to empirically verify behavior of the subsystems.	Video does not use the M2K or multimeter to verify behavior of the vehicle.	x25	/50
Teamwork	There is strong evidence of equal contribution and responsibility from the teammates expressed in the video. Each student should be highlighted in a small portion of the video regarding their contribution.	Multiple or all team members show contributions, but the video does not reflect individual contributions from each student.	Collaboration between teammates appears weak and/or individual contributions are not clear.	x25	/50
				Total:	/200